

RESEARCH PUBLICATIONS

RESEARCH INTEREST: Plant sciences, Agriculture Sciences, Plant Stress Physiology, Phytoremediation, Plant Microbe Interaction, Bio-fertilizers, Bio-pesticides.

2021

- 1.Sardar, R., Ahmed, S., & **Yasin, N. A***. (2021). Titanium dioxide nanoparticles mitigate cadmium toxicity in *Coriandrum sativum* L. through modulating antioxidant system, stress markers and reducing cadmium uptake. *Environmental Pollution*. (IF: 8.07).
- 2.Ahmad, A., Khan, W. U., Shah, A. A., **Yasin, N. A***, Ali, A., Rizwan, M., & Ali, S. (2021). Dopamine Alleviates Hydrocarbon Stress in *Brassica Oleracea* through Modulation of Physio-Biochemical Attributes and Antioxidant Defense Systems. *Chemosphere*, 128633. <https://doi.org/10.1016/j.chemosphere.2020.128633>. (IF: 7.08).
3. Akram, K., Ahmad, A., **Yasin, N.A.**, Anjum, T., Ali, B., Fatima, S., Ahmed, S., Simirgiotis, J.M., & Li, G. (2021) Mechanical strengthening and metabolic re-modulations are involved in protection against Fusarium wilt of tomato by *B. subtilis* IAGS174, *Journal of Plant Interactions*, 16:1, 411-421, DOI: [10.1080/17429145.2021.1966107](https://doi.org/10.1080/17429145.2021.1966107). (IF: 2.99).
- 4.Akram, W., Yasin, N.A*, ...et al. 2021. Exogenous application of liquiritin alleviated salt stress and improved growth of Chinese kale plants. *Scientia Horticulturae*. (IF: 3.46)
- 5.Li, G., Shah, A. A., Khan, W. U., **Yasin, N. A***, Ahmad, A., Abbas, M., ... & Safdar, N. (2021). Hydrogen sulfide mitigates cadmium induced toxicity in *Brassica rapa* by modulating physiochemical attributes, osmolyte metabolism and antioxidative machinery. *Chemosphere*, 2 (63). 127999. <https://doi.org/10.1016/j.chemosphere.2020.127999>. (IF: 7.08).
- 6.Shahzadi, I., **Yasin, N.A***, ...(2021). Heavy metal and organic pollutants removal from water using FEBT-PDM21 MOF composite of sandwiched cellulose graphene nanosheets: one solution for two obstacles. *Separation and Purification Technology*. <https://doi.org/10.1016/j.seppur.2021.119711> (IF: 7.31)
- 7.Ahmad, A., Khan, W. U., Shah, A. A., **Yasin, N. A***, Naz, S., Ali, A., & Tahir, A. (2021). Synergistic effects of nitric oxide and silicon on promoting plant growth, oxidative stress tolerance and reduction of arsenic uptake in *Brassica juncea*. *Chemosphere*, 128384. <https://doi.org/10.1016/j.chemosphere.2020.128384>. (IF: 7.08).
- 8.Ahmad, A., Shahzadi, I., Mubeen, S., **Yasin, N. A.**, Akram, W., Khan, W. U., & Wu, T. (2021). Karrikinolide alleviates BDE-28, heat and Cd stressors in *Brassica alboglabra* by correlating and modulating biochemical attributes, antioxidative machinery and osmoregulators. *Ecotoxicology and Environmental Safety*, 213, 112047. <https://doi.org/10.1016/j.ecoenv.2021.112047>. (IF: 6.29).
- 9.Ramazan, M., Sana, S., Javed, N.,**Yasin, N.A.** ... (2021). Mitigation of Bacterial Spot Disease Induced Biotic Stress in *Capsicum annuum* L. cultivars via Antioxidant Enzymes and Isoforms. *Scientific Reports*. 11(1), 1-10. (IF: 3.99).
- 10.Shah, A. A., **Yasin, N. A***, Akram, K., Ahmad, A., Khan, W. U., Akram, W., & Akbar, M. (2021). Ameliorative role of *Bacillus subtilis* FBL-10 and silicon against lead induced stress in *Solanum melongena*. *Plant Physiology and Biochemistry*, 158, 486-496. <https://doi.org/10.1016/j.plaphy.2020.11.037>. (IF: 4.27).
- 11.Shah, A.A., Azna, **Yasin, N.A***, Ahmed, S., Abbas, M., Abbasi, G.H. (2021). 4-Hydroxymelatonin alleviates nickel stress, improves physiochemical traits of *SOLANUM*

- MELONGENA*: Regulation of polyamine metabolism and antioxidative enzyme. *Scientia Horticulturae*. <https://doi.org/10.1016/j.scienta.2021.110036>. (IF: 3.46).
12. Jaleel, W., Li, Q., Shi, Q., Qi, G., Latif, M., Ali, S., ... & He, **Yasin, N.A.**....2021. Using GCMS to find out the volatile components in the aroma of three different commercial fruits in China. *JAPS: Journal of Animal & Plant Sciences*, 31(1). <https://doi.org/10.36899/JAPS.2021.1.0204>. (IF: 0.49).
 13. Hu, X., Chen, J.,..... **Yasin, N.A.**..... 2021. Metabolomic and pharmacologic insights of aerial and underground parts of *Glycyrrhiza uralensis* Fisch. for maximum utilization of medicinal resources. *Frontiers in Pharmacology*. 12, 1306. (IF: 5.8).
 14. Tariq, M., Shah, A. A., **Yasin, N. A***, Ahmad, A., & Rizwan, M. (2021). Enhanced performance of *Bacillus megaterium* OSR-3 in combination with putrescine ameliorated hydrocarbon stress in *Nicotiana tabacum*. *International Journal of Phytoremediation*, 1-11. <https://doi.org/10.1080/15226514.2020.1801572>. (IF: 3.2).
 15. Shah, A. A., Aslam, S., Akbar, M., Ahmad, A., Khan, W. U., **Yasin, N. A***, ... & Ali, S. (2021). Combined effect of *Bacillus fortis* IAGS 223 and zinc oxide nanoparticles to alleviate cadmium phytotoxicity in *Cucumis melo*. *Plant Physiology and Biochemistry*. <https://doi.org/10.1016/j.plaphy.2020.11.011>. (IF: 4.27)
 16. Ahmad, A., **Yasin, N. A.**, Khan, W. U., Akram, W., Wang, R., Shah, A. A., ... & Wu, T. (2021). Silicon assisted ameliorative effects of iron nanoparticles against cadmium stress: Attaining new equilibrium among physiochemical parameters, antioxidative machinery, and osmoregulators of *Phaseolus lunatus*. *Plant Physiology and Biochemistry*. (IF: 4.27)
 17. Faiz, S., **Yasin, N. A***, Khan, W. U., Shah, A. A., Akram, W., Ahmad, A., ... & Riaz, L. (2021). Role of magnesium oxide nanoparticles in the mitigation of lead-induced stress in *Daucus carota*: modulation in polyamines and antioxidant enzymes. *International Journal of Phytoremediation*, 1-9. (IF: 3.2).
 18. Hussain, R., Shah, A. I., Nijabat, A., Naveed, N. H., Afreen, N., **Yasin, N. A.**, ... & Ali, A. (2021). Screening of phytochemical and antibacterial activity of *Ginkgo biloba* l. extract against different pathogenic bacterial strains. *Fresenius Environmental Bulletin*, 30(4 A), 4205-4209. (IF: 0.553).
 19. Akram, W., Khan, W. U., Shah, A. A., **Yasin, N. A***. & Li, G. Liquiritoside alleviated Pb induced stress in *Brassica rapa* subsp. *Parachinensis*: Modulations in glucosinolate content and some physiochemical attributes. *Frontiers in Plant Science*, 1799. (IF: 5.75).
 20. Sardar, R., Ahmed, S., & **Yasin, N. A***. (2021). Seed priming with karrikinolide improves growth and physiochemical features of *Coriandrum sativum* under cadmium stress. *Environmental Advances*, 5, 100082.
 21. Sardar, R., Ahmed, S., Shah, A. A. & **Yasin, N. A***. (2021). Selenium nanoparticles reduced cadmium uptake, regulated nutritional homeostasis and antioxidative system in *Coriandrum sativum* grown in cadmium toxic conditions. *Chemosphere*. (IF: 7.08)
 22. Sardar, R., Ahmed, S. & **Yasin, N. A***. (2021). Role of exogenously applied putrescine in amelioration of cadmium stress in *Coriandrum sativum* by modulating antioxidant system. *International Journal of Phytoremediation*. (IF: 3.2).

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23. Ahmad, A., Akram, W., Shahzadi, I., Wang, R., Hu, D., Li, G., **Yasin, N. A.**,..... & Wu, T. (2020). First Report of *Fusarium nelsonii* Causing Early-Stage Fruit Blight of Cucumber in Guangzhou, China. *Plant Disease*, 104(5), 1542. <https://doi.org/10.1094/PDIS-11-19-2511-PDN>. (IF: 4.43).
24. Akram, W., Ahmad, A., Juxian, G., **Yasin, N. A.**, Akbar, M., Luo, W., ... & Li, G. (2020). Occurrence of head rot disease caused by *Fusarium verticillioides* on Chinese flowering

- cabbage (*Brassica rapa* L subsp. *parachinensis*) in China. *Crop Protection*, 105180. <https://doi.org/10.1016/j.cropro.2020.105180>. (IF: 2.57)
25. Ali Shah, A., Ahmed, S., & **Yasin, N. A.** * (2020). Cadmium stress consolation in melatonin supplemented *Cucumis sativus* through modulation of antioxidative defense system. *Iranian Journal of Plant Physiology*, 10(2), 3135-3154. (IF: 0.69).
 26. Ijaz, M., Tabinda, B.A., Ahmad, S. R., Khan, W. U., & **Yasin, N. A.** 2020. Biogas synthesis from solid waste of leather industry solid waste in Pakistan. *Polish Journal of Environmental Studies*. ISSN No. / ISBN No. Volume 29. doi: 10.15244/pjoes/110444. (IF: 1.77).
 27. Mushtaq, T., Shah, A. A., Akram, W., & **Yasin, N. A.***. (2020). Synergistic ameliorative effect of iron oxide nanoparticles and *Bacillus subtilis* S4 against arsenic toxicity in *Cucurbita moschata*: polyamines, antioxidants, and physiochemical studies. *International journal of phytoremediation*, 1-12. <https://doi.org/10.1080/15226514.2020.1781052>. (IF: 3.2)
 28. Nemat, H., Shah, A. A., Akram, W., Ramzan, M., & **Yasin, N. A.***. (2020). Ameliorative effect of co-application of *Bradyrhizobium japonicum* EI09 and Se to mitigate chromium stress in *Capsicum annum* L. *International Journal of Phytoremediation*, 1-12. <https://doi.org/10.1080/15226514.2020.1780412>. (IF: 3.2).
 29. Shah, A. A., Ahmed, S., Abbas, M., & **Yasin, N. A.***. (2020). Seed priming with 3-epibrassinolide alleviates cadmium stress in *Cucumis sativus* through modulation of antioxidative system and gene expression. *Scientia Horticulturae*, 265, 109203. <https://doi.org/10.1016/j.scienta.2020.109203>. (IF: 3.46).
 30. Shah, A. A., Ahmed, S., Ali, A., & **Yasin, N. A.***. (2020). 2-Hydroxymelatonin mitigates cadmium stress in *Cucumis sativus* seedlings: Modulation of antioxidant enzymes and polyamines. *Chemosphere*, 243, 125308. <https://doi.org/10.1016/j.chemosphere.2019.125308>. (IF: 7.08).
 31. Shah, A. A., Bibi, F., Hussain, I., **Yasin, N. A.***, Akram, W., Tahir, M. S., ... & Datta, R. (2020). Synergistic effect of *Bacillus thuringiensis* IAGS 199 and putrescine on alleviating cadmium-induced phytotoxicity in *capsicum annum*. *Plants*, 9(11), 1512. <http://dx.doi.org/10.3390/plants9111512>. (IF: 3.9).
 32. Shah, A. A., Khan, W. U., **Yasin, N. A.***, Akram, W., Ahmad, A., Abbas, M., ... & Safdar, M. N. (2020). Butanolide alleviated cadmium stress by Improving plant growth, photosynthetic parameters and antioxidant defense system of *Brassica oleracea*. *Chemosphere*, 127728. <https://doi.org/10.1016/j.chemosphere.2020.127728>. (IF: 7.08).
 33. Shah, A., Ahmed, S., & **Yasin, N.A.***. 2020. 2-hydroxymelatonin induced nutritional orchestration in *Cucumis sativus* under cadmium toxicity: modulation of non-enzymatic antioxidants and gene expression. *International journal of phytoremediation*, 1-11. <https://doi.org/10.1080/15226514.2019.1683715>. (IF: 3.2).
 34. Ijaz, M., Ahmad, S. R., Akram, M., Khan, W. U., Yasin, N. A., & Nadeem, F. A. (2020). Quantitative and qualitative assessment of musculoskeletal disorders and socioeconomic issues of workers of brick industry in Pakistan. *International Journal of Industrial Ergonomics*, 76, 102933. (IF: 2.656).
 35. Ijaz, M., Tabinda, A. B., Ahmad, S. R., Khan, W. U., & Yasin, N. A. (2020). Biogas synthesis from leather industry solid waste in Pakistan. *Polish Journal of Environmental Studies*, 29(5). (IF: 1.186).

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36. Ahmad, A., Akram, W.,... **Yasin, N. A.**, & Shafique, S. (2019). Benzenedicarboxylic acid upregulates O48814 and Q9FJQ8 for improved nutritional contents of tomato and low

- risk of fungal attack. *Journal of the Science of Food and Agriculture*, 99(14), 6139-6154. doi 10.1002/jsfa.9836. (IF: 2.42).
37. Akram, W., Ahmad, A., Luo, W., **Yasin, N. A.**, Wu, T., Guo, J., ... & Li, G. (2019). First Report of Stem and Root Rot of Chinese Kale Caused by *Fusarium incarnatum-equiseti* Species Complex in China. *Plant Disease*, 103(7), 1781. <https://doi.org/10.1094/PDIS-02-19-0261-PDN>. ISSN No. / ISBN No. 0191-2917.(IF: 2.9)
 38. Akram, W., Ahmad, A., **Yasin, N.A.**, Khan, W.U., Juxian, G., Wenlong, L., Dasen, X., and Li, G. 2019. First Report of Stem Rot of Taro Caused by *Pythium ultimum* in China. *Plant Disease*, 104(3), <https://doi.org/10.1094/PDIS-09-19-1950-PDN>. (IF: 3.5).
 39. Akram, W., Aslam, H., Ahmad, S. R., Anjum, T., **Yasin, N. A.**, Khan, W. U., ... & Li, G. (2019). *Bacillus megaterium* strain A12 ameliorates salinity stress in tomato plants through multiple mechanisms. *Journal of Plant Interactions*, 14(1), 506-518. <https://doi.org/10.1080/17429145.2019.1662497>. ISSN No. / ISBN No.1742-9145. <https://doi.org/10.1080/17429145.2019.1662497>. (IF: 1.8).
 40. Akram, W., Saeed, T., Ahmad, A., **Yasin, N. A.**, Akbar, M., Khan, W. U., ... & Li, G. (2019). Liquiritin elicitation can increase the content of medicinally important glucosinolates and phenolic compounds in Chinese kale plants. *Journal of the Science of Food and Agriculture*, 100(4), 1616-1624. doi:10.1002/jsfa.10170. (IF: 2.61).
 41. Ali, A., Shah, A.I., Hussain, R., Naveed, N.H., Jamil, M., **Yasin, N.A.**, & Simon, W.P. (2019). Phylogenetic relationship and screening of diverse germplasm of carrot (*Daucus carota*) for drought resistance. *Feb-Fresenius Environmental Bulletin*. ISSN No. / ISBN No. 1018-4619. 28: 11A/2019. 8474-8479. (IF: 0.69).
 42. Jamil M., Ali, A., Gul, A., Ghafoor A., Napar A. Amir, A., Ibrahim, M. H., Naveed, H. N., **Yasin, N. A.**, & Mujeeb-Kazi, A. (2019). Genome-wide association studies of seven agronomic traits under two sowing conditions in bread wheat. *BMC Plant Biology*, 19(1), 149. ISSN No. / ISBN No.1471-2229. <https://doi.org/10.1186/s12870-019-1754-6>. (IF: 3.6).
 43. Shah, A., Ahmed, S., Ali, A. & **Yasin, N.A***. 2019. 24-epibrassinolide triggers cadmium stress mitigation in *Cucumis sativus* through intonation of antioxidant system. *South African Journal of Botany*, 127, 349-360. <https://doi.org/10.1016/j.sajb.2019.11.003>. (IF: 2.23).
 44. **Yasin, N. A***., Khan, W. U., Ahmad, S. R., Ahmad, A., Akram, W., & Ijaz, M. 2019. Role of *Acinetobacter* sp. CS9 in Improving Growth and Phytoremediation Potential of *Catharanthus longifolius* under Cadmium Stress. *Polish Journal of Environmental Studies*. 28(1):435–443. ISSN No. / ISBN No. DOI: <https://doi.org/10.15244/pjoes/80806>. (IF: 1.12).
 45. Shah, I. A., Hussain, R., Nijabat, A., Afreen, N., Shehzad, T.,**Yasin, N.A.**, Bano, A., Simon, W.P. 2019. Evaluation of carrot (*Daucus carota* L) germplasm under drought stress. *Fresenius Environmental Bulletin*. ISSN No. / ISBN No. 1018-4619. 28 (12): 9011-9016 (IF: 0.69).
 46. **Yasin, N. A***., Khan, W. U., Ahmad, S. R., Ali, A., Ahmad, A., & Akram, W. 2019. Effect of *Enterobacter* sp. CS2 and EDTA on the Phytoremediation of Ni-contaminated Soil by *Impatiens balsamina*. *Polish Journal of Environmental Studies*. 28(1):425–433. ISSN No. / ISBN No. doi: <https://doi.org/10.15244/pjoes/76179>. (IF: 1.12).

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48. Jafari, M., Akram, W., Pang, Y., Ahmad, A., Ahmed, S., **Yasin, N. A.**, ...& Dong, S. (2018). Genetic diversity and biogeography of *T. officinale* inferred from multi locus sequence typing approach. *PLOS ONE*, 13(9), e0203275. ISSN No. / ISBN No. <https://doi.org/10.1371/journal.pone.0203275>. (IF: 2.76).
49. Khan, W. U., **Yasin, N. A.**, Ahmad, S. R., Ali, A., Ahmad, A., Akram, W., & Faisal, M. (2018). Role of *Burkholderia cepacia* CS8 in Cd-stress alleviation and phytoremediation by *Catharanthus roseus*. *International journal of phytoremediation*, 20(6), 581-592. ISSN No. / ISBN No. <https://doi.org/10.1080/15226514.2017.1405378>. (IF: 2.23).
50. **Yasin, N. A***, Akram, W., Khan, W. U., Ahmad, S. R., Ahmad, A., & Ali, A. (2018). Halotolerant plant-growth promoting rhizobacteria modulate gene expression and osmolyte production to improve salinity tolerance and growth in *Capsicum annum* L. *Environmental Science and Pollution Research*, 1-15. ISSN No. / ISBN No. <https://doi.org/10.1080/01448765.2015.1017737>. (IF: 2.8).
51. **Yasin, N. A***, Khan, W. U., Ahmad, S. R., Aamir, A., Shakil, A., & Aqeel, A. (2018). Effect of Bacillus fortis 162 on growth, oxidative stress tolerance and phytoremediation potential of *Catharanthus roseus* under chromium stress. *International Journal of Agriculture and Biology*, 20(7), 1513-1522. ISSN No. / ISBN No. DOI: 10.17957/IJAB/15.0655. (IF: 0.893).
52. **Yasin, N. A***, Khan, W. U., Ahmad, S. R., Ali, A., Ahmad, A., & Akram, W. (2018). Imperative roles of halotolerant plant growth-promoting rhizobacteria and kinetin in improving salt tolerance and growth of black gram (*Phaseolus mungo*). *Environmental Science and Pollution Research*, 25(5), 4491-4505. ISSN No. / ISBN No. 1614-7499. <https://doi.org/10.1007/s11356-017-0761-0>. (IF: 2.8).
53. **Yasin, N. A***, Zaheer, M. M., Khan, W. U., Ahmad, S. R., Ahmad, A., Ali, A., & Akram, W. (2018). The beneficial role of potassium in Cd-induced stress alleviation and growth improvement in *Gladiolus grandiflora* L. *International journal of phytoremediation*, 20(3), 274-283. <https://doi.org/10.1080/15226514.2017.1374337>. ISSN No. / ISBN No. (IF: 2.23).
54. Zaheer, M. M., **Yasin, N. A.**, Ahmad, S. R., Khan, W. U., Ahmad, A., Ali, A., & Rehman, S. U. (2018). Amelioration of cadmium stress in gladiolus (*Gladiolus grandiflora* L.) by application of potassium and silicon. *Journal of Plant Nutrition*, 41(4), 461-476. <https://doi.org/10.1080/01904167.2017.1385808>. ISSN No. / ISBN No. (IF: 0.565).

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56. Jamil, M., Ali, A., Ghafoor, A., Akbar, K. F., Napar, A. A., Naveed, N. H., **Yasin, N.A.**, ...& Mujeeb-Kazi, A. (2017). Digital image analysis of seed shape influenced by heat stress in diverse bread wheat germplasm. *Pak. J. Bot.* 49(4), 1279-1284. ISSN No. / ISBN No. <https://www.pakbs.org/pjbot/papers/1502346999.pdf>. (IF: 0.75).
57. Jamil, M., Ali, A., Ghafoor, A., Gul, A., Akbar, K. F., Bashir, H., ...& **Yasin, N. A.** (2017). Yield reduction analysis of bread wheat under heat stress at two different environments in Pakistan. *Feb-Fresenius Environmental Bulletin*, 4602. ISSN No. / ISBN No. ISSN. 1018-4619. 26 (7). (IF: 0.67).
58. Khan, W. U., Ahmad, S. R., **Yasin, N. A.**, Ali, A., & Ahmad, A. (2017). Effect of *Pseudomonas fluorescens* RB4 and *Bacillus subtilis* 189 on the phytoremediation

potential of *Catharanthus roseus* (L.) in Cu and Pb-contaminated soils. *International journal of phytoremediation*, 19(6), 514-521. ISSN No. / ISBN No. <https://doi.org/10.1080/15226514.2016.1254154>. (IF: 1.88).

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60. Khan, W. U., **Yasin, N. A***, Ahmad, S. R., Ali, A., Ahmed, S., & Ahmad, A. (2017). Role of Ni-tolerant *Bacillus* spp. and *Althea rosea* L. in the phytoremediation of Ni-contaminated soils. *International journal of phytoremediation*, 19(5), 470-477. ISSN No. / ISBN No. <https://doi.org/10.1080/15226514.2016.1244167>. (IF: 1.88).
61. Shahzadi, I., Ahmad, A., **Yasin, N. A.**, Fareed, G., Ashraf, Y., Akram, W., ...& Tayyab, M. (2017). First report of *Alternaria brassicicola* causing leaf spots on garlic, an important food and medicinal plant. *Journal of Medicinal Botany*, 1, 08-12. ISSN No. / ISBN No. **2521-3903**.
62. **Yasin, N. A***, Khan, W. U., Akram, W., Ahmad, A., Ashraf, Y., & Ali, A. (2017). Application of Rhizobacteria for Induction of Systemic Resistance in *Brassica campestris* L. against *Alternaria* Leaf Spot Disease Caused by *Alternaria brassicae*. *Journal of Microbiology and Biotechnology* 6(1): 51-58. ISSN No. / ISBN No. 2320 – 3528.
63. **Yasin, N. A***, Khan, W. U., Ashraf, Y., & Ali, A. (2017). Comparative physiological and morphological characterization of salt tolerance in *Raphanus sativus* L. *Journal of Plant Biochemistry and Physiology*, 5, 177. ISSN No. / ISBN No. doi: 10.4172/2329-9029.1000177.

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65. **Yasin, N. A***, & Ahmed, S. (2016). Induction of defence-related biochemicals by rhizosphere bacteria against black spot disease of rose. *Biological agriculture & horticulture*, 32(1), 34-46. ISSN No. / ISBN No. (IF: 0.787).
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67. Yousaf, A., Ashraf, Y., **Yasin, N. A.**, Ibrahim, A., Ahmad, A., Khan, W. U., ...& Noreen, Z. (2016). Analysis of Microbial Biochemical Inducting Nutritional Contents in Barley. *J Microb Biochem Technol*, 8, 395-403. DOI: 10.4172/1948-5948.1000315. ISSN No. / ISBN No. 1948-5948.

2014

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2000

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* **Principal Author.**

PUBLISHED BOOK/ CHAPTER

1. Aqeel Ahmad, Waheed Akram, Nasim Ahmad Yasin. 2021. Induced defenses by non-pathogenic fungi against fungal plant diseases. Scholar's Press. Republic of Moldova, Chisinau-2068, str. A. Russo 15, of.61. ISBN 9786138950752.

BOOK CHAPTERS UNDER REVIEW

Book Title:

Brassinosteroids Signalling: Intervention with Phytohormones and their relationship in plant adaptation to abiotic stresses

Chapter 01:

Brassinosteroids and ethylene mediated cross talk in plant growth and development
Iqra Shahzadi, Aqeel Ahmad, Zarish Noreen, Waheed Akram, Nasim Ahmad Yasin, Hongbing Dung

Chapter 02:

Cross talk between brassinosteroids and cytokinins in relation to plant growth and developments
Nasim Ahmad Yasin, Anis Ali Shah, Aqeel Ahmad, Iqra Shahzadi